IEEE 802.3aq

10GBASE-LRM

Task Force

Report to IEEE 802.3 CSMA/CD WG

PortLand, OR
12 JULY 2004

Outline

- **Officers**
- **Reflector and web**
- **Standards process**
- **10GBASE-LRM Objectives**
- **Interim meeting report**
- **10GBASE-LRM Timeline**
- **Goals for this meeting**
- **Agenda for this meeting**

IEEE 802.3aq Officers

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Reflector and WEB

There is a reflector set up

To subscribe, use this URL:
- **http://grouper.ieee.org/groups/802/3/aq/reflector.html**

To subscribe via e-mail send this message
- **stds-802-3-10gmmf <yourfirstname> <yourlastname> to ListServ@ieee.org**

10GMMF Study Group web page URL:
- **http://grouper.ieee.org/groups/802/3/aq/index.html**

IEEE STANDARDS PROCESS
(The role of a Task Force)

TASK FORCE IS HERE

Approved PAR → Task Force Meetings → Proposals Selected

Objectives

D1.0 → Task Force Review → D1.(n+1) → TF Review Done
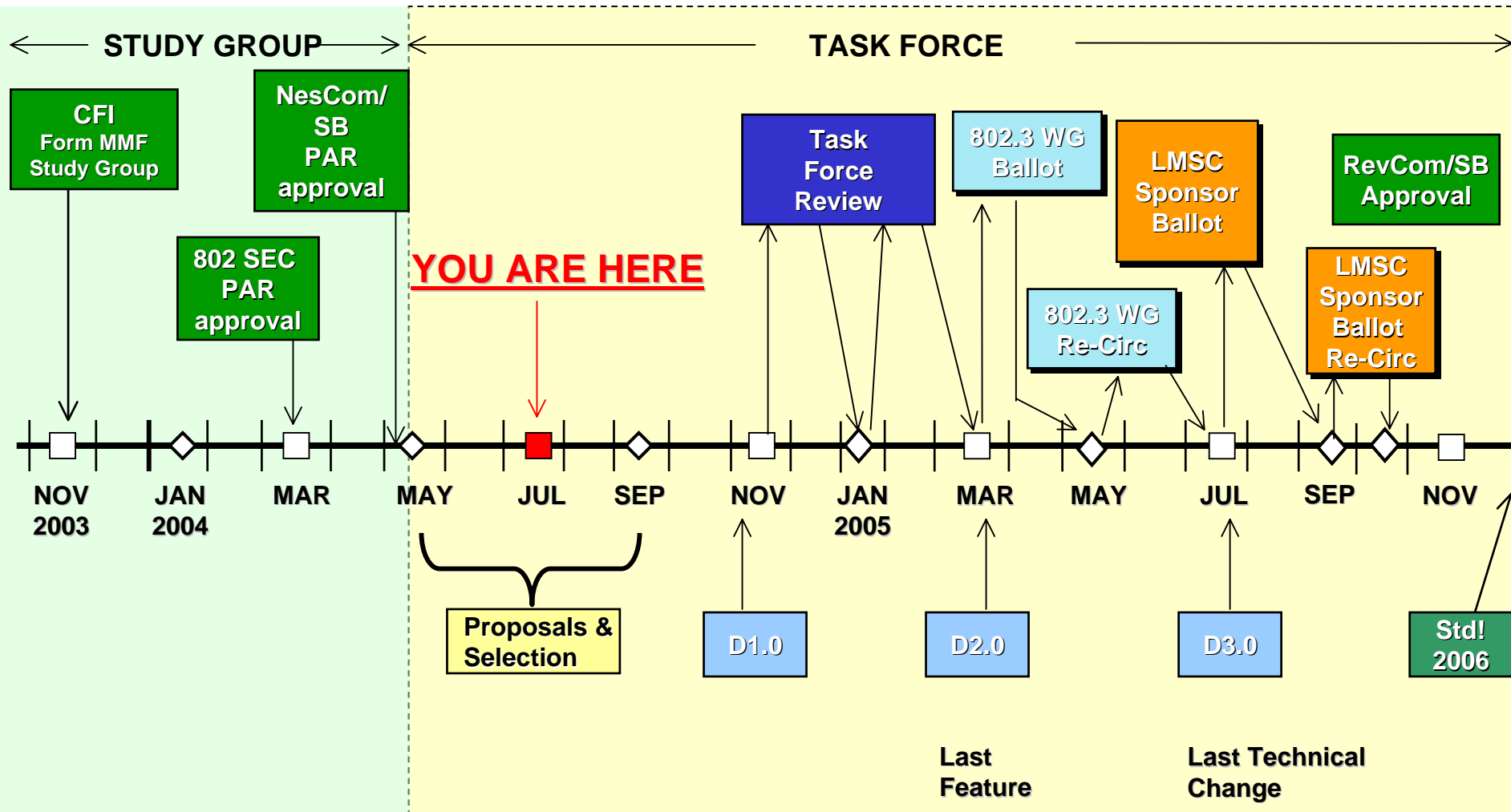
To 802.3 WG Ballot → D2.0 → A
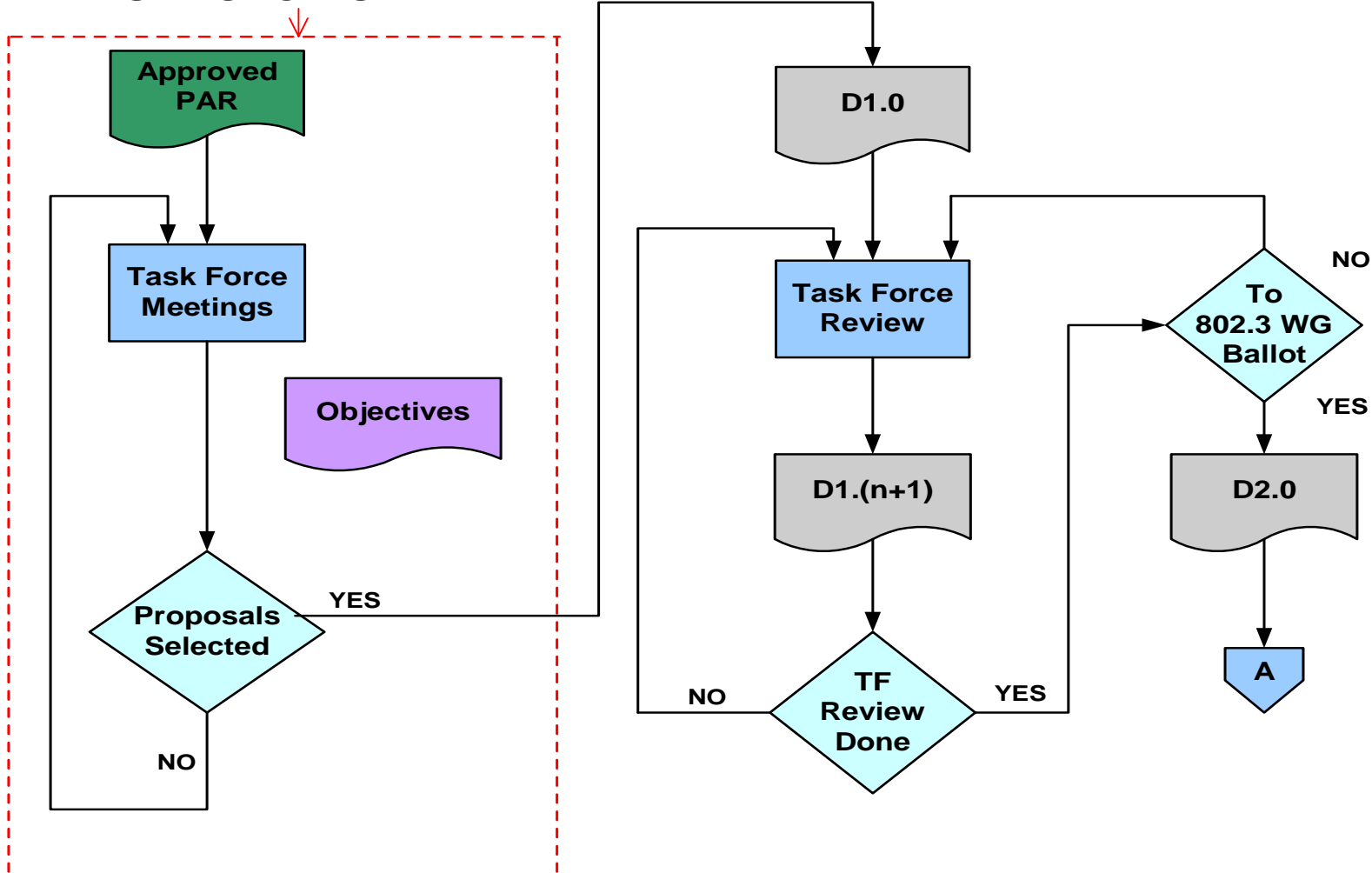
OBJECTIVES

- **Use the existing 10GBASE-R PCS**
- **Support a BER of better than or equal to 10^{-12}**
- **Support fiber media selected from IEC 60793-2-10: 2003**

- 62.5µm
  - 160/500 MHz-km (A1b, 60793-2-10:2003)
  - 200/500 MHz-km (A1b, 60793-2-10:2003)
- 50µm
  - 500/500 MHz-km (A1a.1, 60793-2-10:2003)
  - 400/400 MHz-km (A1a.1, 60793-2-10:2003)
  - 1500/500 MHz-km (A1a.2, 60793-2-10:2003)

- **Provide a Physical Layer specification which supports link distances of:**

  - at least 220m on installed 500MHz.km multimode fiber
  - at least 300m on selected multimode fiber

Long Beach interim meeting

- We became a Task Force and held our first meeting!
- 2 day meeting
- ~ 80 attendees
- 18 presentations
- Agreed a straw-man timeline for the project
- Created MMF Channel Ad Hoc

10GBASE-LRM DRAFT TIMELINE

STUDY GROUP

TASK FORCE

CFI
**Form MMF
Study Group**

NesCom/
SB
PAR
approval

YOU ARE HERE

Task
Force
Review

802.3 WG
Ballot

LMSC
Sponsor
Ballot

RevCom/SB
Approval

802 SEC
PAR
approval

802.3 WG
Re-Circ

LMSC
Sponsor
Ballot
Re-Circ

NOV
2003

JAN
2004

MAR

MAY

JUL

SEP

NOV

JAN
2005

MAR

MAY

JUL

SEP

NOV

Proposals &
Selection

D1.0

D2.0

D3.0

Std!
2006

Last
Feature

Last Technical
Change

☐ = Plenary Meeting

◇ = Interim Meeting

Announced Goals for this week.

- **To adopt a baseline fiber model for 62/125 FDDI-grade fiber.**

- **To select baseline technologies for the standard.**

- **To direct the editor to draft the initial baseline draft for review at the next interim meeting.**

Proposed Agenda,   Tuesday 13 July

08:00 AM   **Opening Remarks**

08:40 AM   **Ad Hoc Reports**

10:10 AM   **Break**

10:30 AM   **MMF Modeling & Measurements 1**

12:00   **Lunch**

1:00 PM   **MMF Modeling & Measurements 2**

3:00 PM   **Break**

3:25 PM   **Technology Proposals & Comparisons**

5:40 PM   **Adjourn for day**

Proposed Agenda,   Wednesday 14 July

08:00 AM	**Meeting Start**
08:20 AM	**Open period for late presentations**
09:20 AM	**EDC Baseline Proposal**
12:00	**Lunch**
1:30 PM	**Closing Session and Motions**
3:00 PM	**Break**
5:00 PM	**End of 10GBASE-LRM TF Meetings**

- **Thursday 15 July: Expect Ad Hoc to meet.**

- **All meetings will be in meeting room: Queen Marie**